


IN THE CLAIMS

Claims 1-18 (cancelled).

Claim 19 (currently amended): A batch, ~~in particular for production of a refractory shaped body, comprising comprising:~~

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- a) a refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component, the refractory metal oxide main component containing 40 to 60% by weight of  $\text{Al}_2\text{O}_3$ ;
  - b) a phosphate bond, in particular, the phosphate bond being produced by a phosphoric acid or a monoaluminum phosphate; and
  - c) finely particulate SiC having a grain size of  $<0.2$  mm, the batch containing 3 to 15% by weight of the finely particulate SiC; and
  - d) the grain size distribution of the SiC being selected so that more than 2.0% of the SiC, based on a total quantity of the batch, is  $<0.045$  mm.

Claim 20 (previously presented): The batch as claimed in claim 19, wherein the batch contains 80 to 97% by weight of the refractory metal oxide main component.

Claim 21 (previously presented): The batch as claimed in claim 19, wherein the batch has a SiC content of between 3 and 8% by weight.

Claim 22 (previously presented): The batch as claimed in claim 19, wherein the silicon carbide is a fused silicon carbide.

Claim 23 (previously presented): The batch as claimed in claim 19, wherein the silicon carbide is a regenerated silicon carbide product.

Claim 24 (cancelled): Please cancel claim 24 without prejudice, and rewrite same as new claims 38-43 set forth below.

Claim 25 (previously presented): The batch as claimed in claim 19, wherein the refractory metal oxide main component contains up to 15% of refractory clay.

Claim 26 (previously presented): A process for producing a batch, comprising:

- a) mixing a refractory,  $\text{Al}_2\text{O}_3$ - containing metal oxide main component containing 40 to 60% by weight of  $\text{Al}_2\text{O}_3$  with a finely particulate  $\text{SiC}$  having a grain size of  $\leq 0.2$  mm; and
- b) adding a phosphoric acid or a monoaluminum phosphate as a binder component to form a mixture;
- c) the  $\text{SiC}$  being added in a fineness and quantity so that more than 2.0% by mass, based on a total batch, of the  $\text{SiC}$  is  $\leq 45$  mm.

Claim 27 (previously presented): The process as claimed in claim 26, wherein 80 to 97% by weight of the refractory metal oxide main component is admixed.

Claim 28 (previously presented): The process as claimed in claim 26, wherein between 3 and 8% by weight of the  $\text{SiC}$  is admixed.

Claim 29 (previously presented): The process as claimed in claim 26, wherein up to 15% of the refractory metal oxide main component is replaced by refractory clay.

Claim 30 (previously presented): The process as claimed in claim 26, wherein a fused silicon carbide is used as the silicon carbide.

Claim 31 (previously presented): The process as claimed in claim 26, wherein a regenerated silicon carbide product is used as the silicon carbide.

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Claim 32 (cancelled): Please cancel claim 32 without prejudice, and rewrite same as new claims 44-46 set forth below.

Claim 33 (previously presented): The process as claimed in claim 26, wherein the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component is used with a maximum grain size of 4 mm and a grain size distribution which corresponds to that of a typical Fuller curve.

Claim 34 (previously presented): The process as claimed in claim 26, wherein the batch is pressed into shaped bodies using a pressure of from 60 to 110 MPa.

Claim 35 (previously presented): The process as claimed in claim 34, wherein the shaped bodies are dried at temperatures of over 100°C, at about 120°C.

Claim 36 (previously presented): The process as claimed in claim 35, wherein the shaped bodies, after drying, are fired at a sintering temperature of approximately 1100 to 1400°C.

Claim 37 (new): The batch as claimed in claim 19, wherein a refractory shaped body is fabricated from the batch.

Claim 38 (new): The batch as claimed in claim 19, wherein the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component includes natural raw materials selected from a sillimanite group, a bauxite, a refractory clay and synthetic raw materials.

bs Claim 39 (new): The batch as claimed in claim 19, wherein the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component includes natural raw materials selected from a sillimanite group.

Claim 40 (new): The batch as claimed in claim 19, wherein the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component includes natural raw materials selected from a bauxite.

Claim 41 (new): The batch as claimed in claim 19, wherein the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component includes natural raw materials selected from a refractory clay.

Claim 42 (new): The batch as claimed in claim 19, wherein the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component includes natural raw materials and/or synthetic raw materials.

Claim 43 (new): The batch as claimed in claim 42, wherein the synthetic raw materials include a sintered mullite, a calcined alumina, a sintered conrundum and/or a fused conrundum.

Claim 44 (new): The process as claimed in claim 26, wherein natural raw materials and/or synthetic raw materials are used as the refractory,  $\text{Al}_2\text{O}_3$ -containing metal oxide main component.

Claim 45 (new): The process as claimed in claim 44, wherein the natural raw materials include raw materials selected from a sillimanite group, a bauxite or a refractory clay.

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Cont* Claim 46 (new): The process as claimed in claim 44, wherein the synthetic raw materials include a sintered mullite, a fused mullite, a calcined alumina, a sintered conrundum or a fused conrundum.

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